



PTO/SB/CSA (28-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1448/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 2

Complete if Known

Application Number 10789,638
 Filing Date 02/27/2004
 First Named Inventor Bender
 Art Unit 1765
 Examiner Name Nadine G. Norton
 Attorney Docket Number Solx 4

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/G.N.R./	US	5,242,531	09/07/1993	Klingshirn et al.	Col. 4, L14-25ff
/G.N.R./	US	5,324,488	06/28/1994	Klingshirn et al.	Col. 5, L 24-54
/G.N.R./	US	5,437,242	08/01/1995	Hofstetter et al.	Col. 4, L 3-46
/G.N.H./	US	4,036,595	07/19/1977	Lorenzini et al.	Col. 2 L61-Col.3 L30
/G.N.H./	US	4,410,494	10/18/1983	Fiegl	Col. 4, L16ff
/G.N.H./	US	4,282,184	08/04/1981	Fiegl et al.	Col. 5, L11-68
/G.N.H./	US	4,396,824	08/02/1983	Fiegl et al.	Col. 5, L55ff
/G.N.R./	US	4,454,096	06/12/1984	Lorenzini et al.	Col. 3, L28ff
/G.N.R./	US	5,373,805	12/20/1994	Takano et al.	Col. 8, L13ff
/G.N.H./	US	5,733,368	03/31/1998	Nagai et al.	Col. 3, L37-55
/G.N.R./	US	5,876,496	03/02/1999	Nagai et al.	Col. 3, L 59-67ff
/G.N.H./	US	5,360,480	11/01/1994	Altekrueger	Col. 3, L4-59
/G.N.R./	US	4,592,895	06/03/1986	Matsutani et al.	Col. 5, L16-20ff
/G.N.H./	US	5,288,366	02/22/1994	Holder	Col. 3, L35-58
/G.N.H./	US	5,314,667	05/24/1994	Lim et al.	Col. 4, L1-25
/G.N.H./	US	4,265,859	05/05/1981	Jewett	Col. 3, L50-64
/G.N.R./	US	4,289,571	09/15/1981	Jewett	Col. 2 L64-Col.3L14
/G.N.R./	US	4,659,421	04/21/1987	Jewett	Col. 7 L54-Col.8 L65
/G.N.H./	US	5,427,056	06/27/1995	Imai et al.	Col. 5, L18-Col.6 L2

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number "Kind Code" (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†

Examiner Signature	/G. Nagesh Rao/ (02/26/2008)	Date Considered	02/26/2008
--------------------	------------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.58. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-785-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. **Complete if Known**

Substitute for H.R. 1449/PTQ

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/789,638
Filing Date	2/27/2004
First Named Inventor	Bender
Art Unit	1765
Examiner Name	Nadine G. Norton
Attorney Docket Number	Solx 4

Sheet	2	of	2
-------	---	----	---

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/G. Nagesh Rao/ (02/26/2008)	Date Considered	02/26/2008
-----------------------	------------------------------	--------------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not applicable. **Applicant:** * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov/patents. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

Transferral is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to allow or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 1.122 and 37 CFR 1.11. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed applications to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and the USPTO's time to process the application should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND COMPLETED FORMS TO: Patent, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.N.B

PTO/SB/CSS (28-C)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCEUnder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information on this form unless it contains a valid OMB control number.
Substitute for form 1448-PTO**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/789.638
Filing Date	02/27/2004
First Named Inventor	Bender
Art Unit	1765
Examiner Name	Nadine G. Norton
Attorney Docket Number	Solx 4

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/G.N.R./		C. WANG et al.; A continuous Czochralski silicon crystal growth system; Journal of Crystal Growth 250 (2003), pgs. 209-214	✓
/G.N.R./		T. WANGM; Shallow Melt Czochralski Growth of Semiconductor Silicon; NREL Golden, CO	✓
/G.N.R./		HOPKINS et al.; Crystal Growth Considerations in the Use of "Solar Grade" Silicon; Journal of Crystal Growth 42 (1977) 493-498	✓
/G.N.R./		M.H. LEIPOLD et al.; Materials of Construction for Silicon Crystal Growth; Journal of Crystal Growth 50 (1980) 366-377	✓

Examiner Signature	/G. Nagesh Rao/ (02/26/2008)	Date Considered	02/26/2008
--------------------	------------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /G.N.R.